

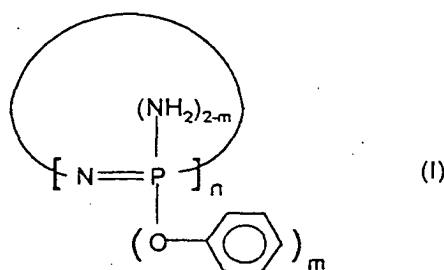
FLAME RETARDED EPOXY RESIN COMPOSITION

ABSTRACT OF THE DISCLOSURE

The present invention relates to a flame retarded epoxy resin composition, which is characterized by that said flame retarded epoxy resin composition comprising:

(A) at least one type of epoxy resin;

(B) a phosphorus-and-nitrogen-containing heterocyclic compound, said compound having a moiety which can react with the epoxy group of the epoxy resin, useful as a hardening agent, and having a structure as shown by formula (I):



wherein m is an integer of from 0 to 2, n is an integer of from 3 to 7, but at least one m is not 2.

The epoxy resin composition consisting of the above components (A) and (B) has improved flame retarded property and thus is suitably used as the flame retarded material required for the parts of composite material, laminated plates, printed circuit boards, electronic products, electrical products, and the like. According to the range of applications, the composition can be selectively added with additives such as a hardening agent, which does not contain phosphorus, a hardening promoter, a solvent, and the like.